TCS IPA PREPARATION

UI/UX (HTML, CSS & JS) MCQs

1. What is the correct syntax to set border colors?

a. "<h1 style="border-line: 2px solid DodgerBlue;">Hello World</h1>"

b. "<h1 style="border: solid DodgerBlue;">Hello World</h1>"

c. "<h1 style="border: 2px solid DodgerBlue;">Hello World</h1>"

d. None of the above

Correct option: C

2. What is the usage of <span> in HTML?

a. It is often used as a container for other HTML elements to style them with CSS

b. It is used to group inline elements in document

c. It is used to highlight parts of your text.

Correct option: b

3. What is the usage of <svg> tag in html?

a. It is used to adds audio controls, like play, pause, and volume

b. It is used to draw graphics, on the fly, via scripting

c. It is used for drawing paths, boxes and graphic images etc

Correct option: C

4. Find the output of the code? (optional)

<html>

<body>

<p id="result"></p>

<script>

var X;

X = myFunction(NaN, 3);

document.getElementById("result").innerHTML = X;

```
function myFunction(a, b) {

return a*b;

}

</script>

</body>

</html>
```

Correct Answer: NAN (options will be given)

5. Which of the following tag is used to insert a line-break in HTML?

**a.
**

b. <a>

c. <pre>

d. <b>

Correct option: a

6. Which character is used to represent the closing of a tag in HTML?

a. \

b. !

c. /

d. .

Correct option: C

7. How to create a hyperlink in HTML?

**a. javaTpoint.com **

b. <a url = "www.javatpoint.com" javaTpoint.com/a>

c. javaTpoint.com

d. <a> www.javatpoint.com <javaTpoint.com/a>

Correct option: a

8. How to insert an image in HTML?

a.

b.

c.

**d. **

Correct option: d

9. Which of the following tag is used to define options in a drop-down selection list?

a. <select>

b. <list>

c. <dropdown>

d. <option>

Correct option: d

10. Which of the following tag is used to create a combo box (or drop-down box)?

a. <list>

b. <select>

c. <input type = "dropdown">

d.

Correct option: b

11. Which of the following attribute is used to provide a unique name to an element?

a. class

b. id

c. type

d. None of the above

Correct option: b

12. Which of the following HTML tag is used to display the text with scrolling effect?

a. <marquee>

b. <scroll>

c. <div>

d. None of the above.   **Correct option: a**

13. Which of the following HTML tag is the special formatting tag?

a. <p>

b. <b>

c. <pre>

d. None of the above

Correct option: C

14. How to insert a background image in HTML?

a. <body background = "img.png">

b. <img background = "img.png">

c. <bg-image = "img.png">

d. None of the above

Correct option: a

15. In the JavaScript, which one of the following is not considered as an error?

a. Syntax error

b. Missing of semicolons

c. Division by zero

d. Missing of Bracket

Correct option: C

16. In JavaScript the x===y statement implies that?

a. Both x and y are equal in value, type and reference address as well.

b. Both are x and y are equal in value only.

c. Both are equal in the value and data type.

d. Both are not same at all.

Correct option: C

17. Choose the correct snippet from the following to check if the variable "a" is not equal the "NULL"?

a. if(a!==null)

b. if (a!)

c. if(a!null)

d. If(a!=null)

Correct option: a

18. Which tag is used to emphasize the text?

a. <b>

b. <strong>

c. <em>

Correct option: C

19. What is the smallest header in HTML by default?*

a) H1

b) H2

c) H6

d) H4

Correct Answer: C

20. Which of the following colors contain equal amounts of RGB?

a) White

b) Gray

c) Black

d) All of the above

Correct Answer: d

21. What is the correct syntax to write an HTML comment?*

a) <!-- Comment -->

b) // Comment

c) # Comment

d) /* Comment */

Correct Answer: a) <!-- Comment -- >

22. Which HTML element is used to define description data?*

a)

b)

c) <dd>

d) <dl>

Correct Answer: c) <dd>

23. Which is not a CSS unit?*

a) Em

b) ut

c) %

d) px

Correct Answer: b) ut

24. What is the syntax of background image in CSS?

Correct Answer: background-image

25. Do all HTML tags have closing tags?

Correct Answer: False

26. What is the command for an ordered list with Roman numerals?

Correct Answer: <ol type = 'I'>

27. Which is an invalid escape sequence in

JavaScript?*

a) /e

b) /r

c) /f

d) /b

Correct Answer: a) /e

28. Which is the invalid field in HTML5?

a) Day

b) Date

c) Datetime

d) Month

Correct Answer: c) Datetime

29. Which tag is not used for formatting text?*

a) <b>

b) <p>

c) <strong>

d) <i>

Correct Answer: b) <p>

30. How are quotations defined in HTML?*

a) <quote?

b) <block>

c) <blockquote>

d) None of the above

Correct Answer: c) <blockquote>

31. How to create an ordered list in HTML?*

a)

**b) **

c) <href>

d) <b>

**Correct Answer: b) **

32. What are some valid character sets available?

a) UTF-8

b) ANSI

c) ASCII

d) All of the above

Correct Answer: d) All of the above

33. What are the types of unordered lists in HTML?

a) Circle, square, disc

b) Triangle, square, disc

c) Triangle, circle, disc

d) All of the above

Correct Answer: a) Circle, square, disc

34. How can we select an element with a specific class in CSS?

a) #

b) .

c) <

d) None of them

Correct Answer: b).

35. How can we write comments in CSS?*

a) /* */

b) //

c) #

d) All of them

Correct Answer: a) /* */

36. You have created a shell script and want to run the script. What should you do before trying to run the script?

a) No action required

b) Compile the script

c) Update the execute permission of the script

Correct Answer: c) Update the execute permission of the script

37. The <caption> tag is used with:

a) Image

b) Table

c) Both

d) None

Correct Answer: b) Table

38. What will the result of var x = 100 + 5 ^ 3 be in JS?*

a) 125

b) 225

c) NaN

Correct Answer: b) 225

39. Given the following HTML:

<p>Top news</p> <blockquote url: Hindu news.com></blockquote> Will the blockquote display?

a) True

b) False

Correct Answer: a) True

40. How are arrays defined in JavaScript?

a) List form []

b) Tuple form ()

c) Dictionary form {}

d) None of these

Correct Answer: a) List form []

41. Which of the following is not inline in HTML?

a) <hr>

b)

c) <img>

d) <a>   **Correct Answer: a) <hr>**

42. Which is not a valid color in HTML?

a) Color: darkblue

b) Color: #oooff

c) Color: rgb(0,0,255)

d) Color: blue

Correct Answer: b) Color: #oooff

43. Given the following HTML:

<img src="sky.jpg" width="100" height="100" opacity="0.25"> What will happen?

a) Display with mentioned width and height

b) Display image as watermark

c) None of these

Correct Answer: b) Display image as watermark

44. Appearance of the <ins> tag?

a) Italics

b) Underline

c) Bold

d) Unformatted

Correct Answer: b) Underline

45. 32. A link can be an image or any other HTML element?

a) True

b) False

Correct Answer: a) True

46. Which property is not applicable for a paragraph?

a) Float

b) Border

c) Margin

d) font-family.   **Correct Answer: a) float**

47. Which block of code will be executed?*

a) p {<!- comment color: red; }

b) p {/* comment */ color: red; }

c) p {//comment color: red; }

d) p {#comment color: red; }

Correct Answer: b) p { /* comment */ color: red; }

48. Which block is used to style the <h1> tag with class "Xplore"? <h1 class="Xplore">)*

a) h1 {.....}

b) xplore.h1 {.....}

c) h1 {....}

d) h1.xplore {....}

Correct Answer: d) h1.xplore {.... }

49. JavaScript runs using a script engine?

a) True

b) False

Correct Answer: a) True

50. Given the following code:

<p class="abc"></p>

<script> var x; document.getElementByClass("abc").innerHTML = x;

</script>

What is the output?

a) NaN

b) o

c) 1

d) Error

Correct Answer: d) Error

51. Which statement is correct in JavaScript?

a) true and false are numeric values 1 and 0

b) true and false are numeric values 0 and 1

c) true is any nonzero value and false is O

d) true and false are nonnumeric values

Correct Answer: d) true and false are nonnumeric values

52. Which is not a CSS property?

a) background-render

b) background-attachment

Correct Answer: a) background-render

53. Given the following HTML:

<p class="A">ABC</p>

How do you style "ABC"?*

a) A {color: red;}

b) #A {color: red;}

c) *A {color: red;}

d) A {color: red;}

Correct Answer: a) .A {color: red;}

54. Which of the following sequences of HTML tags is correct?*

a) <html><head><title></title><body></body></head></html>

b) <html><title></title><head></head><body></body></html>

c) <html><head></head><body><title></title></body></html>

d) <html><head><title></title></head><body></body></html>.   Correct Answer: d

55. What does CSS stand for?

a) Cascading Style Sheets

b) Common Style Sheets

c) Central Style Sheets

d) Control Style Sheets

Correct Answer: a) Cascading Style Sheets

56. How would you define an ID selector in CSS?

a) ID selector as #

b) ID selector as @

c) ID selector as $

d) None of the above

Correct Answer: a) ID selector as #

57. In an HTML document, where is the correct place to refer to an external style sheet?

a) In the <head> section

b) At the end of the document

c) At the beginning of the document

d) In the <body> section

Correct Answer: a) In the <head> section

58. Which of the following tags would you use to insert JavaScript in an HTML page?

a) <script type="text/javascript"></script>

b) <HTMLScript type="text/javascript"></HTMLScript>

c) <JScript type="text/javascript"></JScript>

d) <JavaScript type="text/javascript"></JavaScript>

Correct Answer: a) <script type="text/javascript"></script>

59. The JavaScript is also known as server-side JavaScript.

a) Navigator

b) Microsoft

c) LiveWire

d) Native

Correct Answer: c) LiveWire

60. The following code would allow you to set the background with CSS:

<style type="text/css"> body {background-color: yellow} </style>

a) True

b) False

Correct Answer: a) True

61. If para1 is the DOM object for a paragraph, what is the correct syntax to change the text within the paragraph?

a) para1.firstChild.nodeValue= "New Text";

b) para1.nodeValue="New Text";

c) "New Text"?

d) para1.value="New Text";

Correct Answer: a) para1.firstChild.nodeValue= "New Text";

62. How does JavaScript store the date in a Date object?

a) The number of seconds since Netscape's public stock offering

b) The number of milliseconds since January 1st, 1970

c) The number of days since January 1st, 1900

d) None of the above

Correct Answer: b) The number of milliseconds since January 1st, 1970

63. Given the following HTML: <h2 class="fruit mango">I love fruits</h2> Which statement is true?

a) It is an invalid statement in HTML.

b) None of the options.

c) It is a heading tag with a class named "fruit mango."

d) It is a heading tag with two classes named "fruit" and "mango."

Correct Answer: d) It is a heading tag with two classes named "fruit" and "mango."

64. Which of the following CSS syntax will hide the element?*

a) h1.hidden {visibility: hidden;}

b) h1.hidden {display: none;}

c) h1.hidden {display: hidden;}

d) h1.hidden {visibility: none;}

Correct Answer: b) h1.hidden {display: none;}

65. "I cannot create a JS array by using the 'new' keyword."

a) FALSE

b) TRUE

Correct Answer: a) FALSE

66. Which of the following elements were added in HTML5?

a) <main>

b) <header>

c) <article>

d) <footer>

e) All of them

Correct Answer: e) All of them

67. "Different tags cannot share the same class."

a) TRUE

b) FALSE

Correct Answer: b) FALSE

68. "The <div> element is a block-level element."

a) TRUE

b) FALSE

Correct Answer: a) TRUE

69. Which option correctly represents the code for creating and initializing a string variable?

a) var str1=Hello;

b) var str1="Hello";

c) var str1='Hello';

d) var str1="Hello"";

Correct Answer: b) var str1="Hello";

70. What does the display: block property result in?

a) Two-tab spacings between the two elements

b) Two-line breaks between the two elements

c) A line break between the two elements

d) A tab spacing between the two elements

Correct Answer: c) A line break between the two elements

71. Which of the following options will open the Google website in a new window?*

a) Click here

b) Click here

c) Click here

d) Click here

Correct Answer: d) Click here

72. To specify table border in CSS which property is used?

a. table-border

b. border

c. Tb-border

d. tbl-border.   **Answer: Option b**

73. Which of the below is the correct way to set a font size ?

a. h2 {font-size: 200pixels;}

b. h2 {font-size: 200;}

c. h2 {font-size: 200px;}

d. h2 {font-size: 200%;}

Answer: Options c, d

74. <script type = "text/javascript" language = "javascript">

var x = 12;

var y = 8;

var res = eval("x + y");

document.write(res);

</script>

Answer: 20

75. let sum = 0;

const a = [1,2,3];

a.forEach(getSum);

print(sum);

function getSum(ele) {

sum += ele;

}

Answer: 6